

Patent Claims

1. A film plaster, particularly for covering wounds and preventing or treating blisters,
comprising at least one elastic polyurethane film coated on one surface, if desired,
5 with a pressure-sensitive adhesive composition, the elastic polyurethane film being
provided with fluorocarbon-, silicone- or hydrocarbon-based water repellents.
2. The film plaster as claimed in claim 1, covered over its entire width, up until the time
of use, with an antiadhesive carrier material, such as siliconized paper.
- 10 3. The film plaster as claimed in claim 1 or 2, comprising centrally in an appropriate
width a customary, absorbent wound contact material or another functional material
having beneficial effects on the healing of wounds or blisters.
- 15 4. A process for producing a film plaster as claimed in claim 1, which comprises
applying at least one polyurethane dispersion comprising a water repellent in a
fraction of in particular up to 5% by weight to an embossed, water-resistant, silicone-
or polypropylene-coated paper or film,
drying the composite,
20 coating the resulting, optionally multi-ply, polyurethane film with a pressure-sensitive
adhesive composition,
providing the pressure-sensitive adhesive composition, if desired, with a wound pad
and an adhesive repellent backing material, and
removing the water-resistant, silicone- or polypropylene-coated paper or film.
- 25 5. A process for producing a film plaster as claimed in claim 1, which comprises
applying at least one polyurethane dispersion to an embossed, water-resistant,
silicone- or polypropylene-coated paper or film,
drying the composite,
30 spraying the resulting polyurethane film on one side with an aqueous solution
comprising a water repellent, in particular in a fraction of up to 40% by weight,
coating the polyurethane film on the side opposite the sprayed side with a pressure-

removing the water-resistant, silicone- or polypropylene-coated paper or film.

- 5 6. A film plaster, particularly for covering wounds and preventing or treating blisters, comprising a two-layer elastic film, the first layer being composed of an elastic polyurethane film, said polyurethane film being treated with fluorocarbon-, silicone- or hydrocarbon-based water repellents, the first layer being applied partially and the surface of the lower layer being coated, if desired, with a pressure-sensitive adhesive composition.
- 10 7. The film plaster as claimed in claim 6, wherein the upper layer is composed of individual, separate segments.
8. The film plaster as claimed in claim 6 or 7, wherein between the first layer and second layers there is at least one further layer.
- 15 9. A process for producing a film plaster as claimed in claim 6, which comprises applying a polyurethane dispersion comprising a water repellent in a fraction of in particular up to 5% by weight to an embossed, water-resistant, silicone- or polypropylene-coated paper or film so as to give a structured layer consisting in particular of individual, separate segments,
20 drying the composite,
applying a second and, if desired, a third polyurethane dispersion to the first,
drying the composite,
coating the resulting polyurethane film with a pressure-sensitive adhesive
25 composition,
providing the pressure-sensitive adhesive composition, if desired, with a wound pad and an adhesive repellent backing material, and
removing the water-resistant, silicone- or polypropylene-coated paper or film.